

Recovery Plan Action Status

Plan Name: Final Recovery Plan for the Prairie Species of Western Oregon and Southwestern Washington

Plan Status: Final

Plan Date: 29-Jun-10

Lead Agency: USFWS

Lead Office: Oregon Fish And Wildlife Office
 (503)
 (231-8179)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Golden Paintbrush (Castilleja levisecta), Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Nelson's checkermallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	2	1.2.3.2	Evaluate protected status of populations	Ongoing Current	FY 2005		U.S. Fish and Wildlife Service	Research: Population Assessment	Species Expert	
Golden Paintbrush (Castilleja levisecta), Kincaid's Lupine (Lupinus sulphureus (=oreganus) ssp. kincaidii (=var. kincaidii)), Bradshaw's desert-parsley (Lomatium bradshawii), Fender's blue butterfly (Icaricia icarioides fenderi), Nelson's checkermallow (Sidalcea nelsoniana), Willamette daisy (Erigeron decumbens var. decumbens)	3	1.3.12	Evaluate interactions between listed species and non-native plants	Not Started			Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Universities or Colleges	Research: Ecosystem Studies	Contract	Costs are TBD

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Golden Paintbrush (<i>Castilleja levisecta</i>), Kincaid's Lupine (<i>Lupinus sulphureus</i> (=oreganus) ssp. <i>kincaidii</i> (=var. <i>kincaidii</i>)), Bradshaw's desert-parsley (<i>Lomatium bradshawii</i>), Nelson's checkermallow (<i>Sidalcea nelsoniana</i>), Willamette daisy (<i>Erigeron decumbens</i> var. <i>decumbens</i>)	2	1.3.16	Identify factors that limit the expansion of populations of listed prairie plants	Ongoing Current	FY 2010	FY 2016	Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Universities or Colleges	Research: Ecosystem Studies, Research: Habitat Requirements, Research: Management Techniques	Contract	project: Demography and management of Willamette daisy
Golden Paintbrush (<i>Castilleja levisecta</i>), Kincaid's Lupine (<i>Lupinus sulphureus</i> (=oreganus) ssp. <i>kincaidii</i> (=var. <i>kincaidii</i>)), Bradshaw's desert-parsley (<i>Lomatium bradshawii</i>), Fender's blue butterfly (<i>Icaricia icarioides fenderi</i>), Nelson's checkermallow (<i>Sidalcea nelsoniana</i>), Willamette daisy (<i>Erigeron decumbens</i> var. <i>decumbens</i>)	2	1.3.17.1	Convene an expert panel to advise the recovery program on measures needed to respond or adapt to impending climate change effects to the listed species addressed in this recovery plan	Not Started			Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Universities or Colleges, U.S. Geological Survey - Biological Resources Division, Washington Department of Natural Resources	Research: Climate Change	Contract	

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Golden Paintbrush (<i>Castilleja levisecta</i>), Kincaid's Lupine (<i>Lupinus sulphureus</i> (=oreganus) ssp. <i>kincaidii</i> (=var. <i>kincaidii</i>)), Bradshaw's desert-parsley (<i>Lomatium bradshawii</i>), Fender's blue butterfly (<i>Icaricia icarioides fenderi</i>), Nelson's checkermallow (<i>Sidalcea nelsoniana</i>), Willamette daisy (<i>Erigeron decumbens</i> var. <i>decumbens</i>)	3	1.3.7	Identify pollinators and determine habitat needs of pollinators	Not Started			Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Universities or Colleges, Washington Department of Natural Resources	Research: Taxonomic Studies	Contract	
Golden Paintbrush (<i>Castilleja levisecta</i>)	2	1.4.1	Evaluate protected sites established for other listed prairie species in the plan as potential reintroduction sites for <i>Castilleja levisecta</i>	Ongoing Current	FY 2010		Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Washington Department of Natural Resources	Research: Reintroduction	Contract, Species Expert	

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Golden Paintbrush (<i>Castilleja levisecta</i>)	2	1.4.2	Reintroduce <i>Castilleja levisecta</i> to restored prairie sites	Ongoing Current	FY 2010		Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Bureau Land Management , Washington Department of Natural Resources	Research: Reintroduction	Contract	
Golden Paintbrush (<i>Castilleja levisecta</i>)	2	1.4.3	Manage and monitor reintroduced populations	Not Started	FY 2014		Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Bureau Land Management , Washington Department of Natural Resources	Management: Habitat Maintenance and Manipulation, Management: Population Monitoring	Contract	20K every other year
Golden Paintbrush (<i>Castilleja levisecta</i>)	3	1.4.4	Monitor effectiveness of management actions and apply adaptive management practices, as appropriate	Not Started			Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Bureau Land Management , Washington Department of Natural Resources	Management: Population Monitoring	Contract	20K every 3rd year after
Golden Paintbrush (<i>Castilleja levisecta</i>)	3	1.4.5	Evaluate the use of livestock grazing as a tool to manage populations of <i>Castilleja levisecta</i>	Not Started			Oregon Department of Agriculture, U.S. Fish and Wildlife Service, Non-governmental organizations, Bureau Land Management , Washington Department of Natural Resources	Research: Management Techniques	Contract	

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Golden Paintbrush (<i>Castilleja levisecta</i>), Larkspur (<i>Delphinium leucophaeum</i>), Kincaid's Lupine (<i>Lupinus sulphureus</i> (= <i>oreganus</i>) ssp. <i>kincaidii</i> (=var. <i>kincaidii</i>)), Bradshaw's desert-parsley (<i>Lomatium bradshawii</i>), Hitchcock's blue-eyed grass (<i>Sisyrinchium hitchcockii</i>), Willamette Valley larkspur (<i>Delphinium nuttallii</i> ssp. <i>nuttallii</i>), Fender's blue butterfly (<i>Icaricia icarioides fenderi</i>), shaggy horkelia (<i>Horkelia congesta</i> ssp. <i>congesta</i>), Taylor's (=whulge) Checkerspot (<i>Euphydryas editha taylori</i>), Columbian whitetop aster (<i>Sericocarpus rigidus</i>), Nelson's checker-mallow (<i>Sidalcea nelsoniana</i>), Willamette daisy (<i>Erigeron decumbens</i> var. <i>decumbens</i>), Peacock larkspur (<i>Delphinium pavonaceum</i>)	1	3.1	Develop an active program to engage private landowners in the conservation of listed and nonlisted prairie species and prairie habitat restoration	Not Started			U.S. Fish and Wildlife Service	Management: General	Species Expert	10K each year after

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